IN THE CLAIMS

The current claims follow. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1-20. (Canceled).

21. (Previously Presented) For use in a wireless network, a base station comprising an antenna array capable of transmitting forward channel data into S sectors associated with said base station, wherein said base station receives a plurality of data packets in a first data frame of a wireline connection, associates each of said received data packets with a corresponding one of said S sectors, and concurrently transmits at least some of said associated data packets in said corresponding sectors during a first subframe of a first forward channel data frame.

22. (Previously Presented) The base station as set forth in Claim 21, wherein said first data frame of said wireline connection has a duration T, said first forward channel data frame has a duration T, and said first subframe has a duration less than T.

23. (Previously Presented) The base station as set forth in Claim 22, wherein said base station is further capable of transmitting a first additional associated data packet in a first

corresponding sector during a period of said first forward channel data frame following said first subframe.

24. (Previously Presented) The base station as set forth in Claim 23, wherein said base station is further capable of transmitting a second additional associated data packet in a second corresponding sector during said period of said first forward channel data frame following said first subframe.

25. (Previously Presented) The base station as set forth in Claim 24, wherein said base station transmits said first additional associated data packet and said second additional associated data packet sequentially.

26. (Previously Presented) The base station as set forth in Claim 22, wherein said base station is further capable of transmitting a first additional associated data packet in a first corresponding sector in a first dedicated time slot of said first forward channel data frame following said first subframe.

27. (Previously Presented) The base station as set forth in Claim 26, wherein said base station is further capable of transmitting a second additional associated data packet in a second corresponding sector in a second dedicated time slot of said first forward channel data frame

following said first subframe.

28. (Previously Presented) The base station as set forth in Claim 27, wherein said first dedicated time slot and said second dedicated time slot are sequential time slots.

29. (Currently Amended) A wireless network comprising a plurality of base stations capable of communicating with a plurality of mobile stations in a coverage ~~are~~ area of said wireless network, wherein a first one of said plurality of base stations comprises an antenna array capable of transmitting forward channel data into S sectors associated with said first base station, and wherein said first base station receives a plurality of data packets in a first data frame of a wireline connection, associates each of said received data packets with a corresponding one of said S sectors, and concurrently transmits at least some of said associated data packets in said corresponding sectors during a first subframe of a first forward channel data frame.

30. (Previously Presented) The wireless network as set forth in Claim 29, wherein said first data frame of said wireline connection has a duration T, said first forward channel data frame has a duration T, and said first subframe has a duration less than T.

31. (Previously Presented) The wireless network as set forth in Claim 30, wherein said first base station is further capable of transmitting a first additional associated data packet in a first

corresponding sector during a period of said first forward channel data frame following said first subframe.

32. (Previously Presented) The wireless network as set forth in Claim 31, wherein said first base station is further capable of transmitting a second additional associated data packet in a second corresponding sector during said period of said first forward channel data frame following said first subframe.

33. (Previously Presented) The wireless network as set forth in Claim 32, wherein said first base station transmits said first additional associated data packet and said second additional associated data packet sequentially.

34. (Previously Presented) The wireless network as set forth in Claim 33, wherein said first base station is further capable of transmitting a first additional associated data packet in a first corresponding sector in a first dedicated time slot of said first forward channel data frame following said first subframe.

35. (Previously Presented) The wireless network as set forth in Claim 34, wherein said first base station is further capable of transmitting a second additional associated data packet in a second corresponding sector in a second dedicated time slot of said first forward channel data frame

following said first subframe.

36. (Previously Presented) The wireless network as set forth in Claim 35, wherein said first dedicated time slot and said second dedicated time slot are sequential time slots.

37. (Previously Presented) For use in a base station of a wireless network, a method of transmitting forward channel data into S sectors associated with the base station comprising the steps of:

receiving in the base station a plurality of data packets in a first data frame of a wireline connection;

associating each of the received data packets with a corresponding one of the S sectors; and

transmitting concurrently at least some of the associated data packets in the corresponding sectors during a first subframe of a first forward channel data frame.

38. (Previously Presented) The method as set forth in Claim 37, wherein the first data frame of the wireline connection has a duration T, the first forward channel data frame has a duration T, and the first subframe has a duration less than T.

39. (Previously Presented) The method as set forth in Claim 38, further comprising the steps of:

transmitting a first additional associated data packet in a first corresponding sector during a period of the first forward channel data frame following the first subframe; and

transmitting a second additional associated data packet in a second corresponding sector during the period of the first forward channel data frame following the first subframe.

40. (Previously Presented) The method as set forth in Claim 39, wherein the first additional associated data packet and the second additional associated data packet are transmitted sequentially.